

From: [Scholl, Matthew A. \(Fed\)](#)
To: [Petersen, Rodney J. \(Fed\)](#)
Subject: Re: April NICE Webinar on Quantum Computing
Date: Tuesday, March 15, 2022 10:03:04 AM

Rodney

I would reach out to the QEDC who has a workgroup on quantum workforce and, on their website, publishes quantum job opportunities.

This is very much on Q side rather than the cybersecurity side but this would be a good add in my opinion.

The main POC there is Celia Merzbacher from SRI who leads that side of QEDC. She is at celia.merzbacher@sri.com

<https://quantumconsortium.org/teams/>

I am speaking with the Federal Reserve at the same time on the 20th and cant make it. Lily, Dustin and/or Andy would be good here to talk about types of talent in the crypto space that is needed as another suggestion

From: Petersen, Rodney J. (Fed) <rodney.petersen@nist.gov>

Date: Tuesday, March 15, 2022 at 9:38 AM

To: Scholl, Matthew A. (Fed) <matthew.scholl@nist.gov>

Subject: April NICE Webinar on Quantum Computing

Matt,

Can you review the NICE Webinar title and abstract below and let me know if you would suggest any changes? We are also looking for 1-2 speakers if you can suggest anyone (you?) from NIST or elsewhere. I have invited Charles Tahan from OSTP who leads the National Quantum Initiative Coordination Office. The webinar is on April 20th, 2-3 pm.

Thanks,

-Rodney

Title: Cybersecurity Considerations for The Quantum Information Science Technology (QIST) Workforce

Speakers:

To Be Determined

Description:

As we move into the new era of quantum computing, there are new cybersecurity challenges and opportunities that emerge such as the development and design of secure systems, impact on cryptography, and the protection of information systems. The Quantum Information Science Technology (QIST) workforce now involves practitioners trained in a wide variety of disciplines such as computer science, engineering, chemistry, and materials science, who are working together often in multidisciplinary teams to pioneer revolutionary approaches to computing, simulation, sensing, timing, and networking. This webinar, held in observance of World Quantum Day on April 14th, will examine the cybersecurity implications of QIST and the impact on education, training, and the workforce.

Resources:

World Quantum Day (April 14th): <https://worldquantumday.org/>

National Quantum Initiative: <https://www.quantum.gov/>

National Strategic Plan for Quantum Information Science and Technology Workforce Development: <https://www.quantum.gov/wp-content/uploads/2022/02/QIST-Natl-Workforce-Plan.pdf>

National Q-12 Education Partnership: <https://q12education.org/>

Expanding Capacity in Quantum Information Science and Engineering (ExpandQISE): https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf22561